

CSD chemicals installed on NOAA P-3, 2010  
Index of Material Safety Data Sheets

<b>Chemical Name</b>	<b>Location on P3</b>	<b>Instrument</b>	<b>Description</b>
Acetone in air	Station 5	PANs	20 ppm
Acetone in N2	Station 7	HNO3/NH3	3%
Air	Stations 2, C3X, 4, 6a, Dual Pass, RWS 83. RWS 465	various	2000 psi
Ammonia	Station 7	HNO3/NH3	171 g, 0.25 ml
Ammonia scrubbing media	Station 7	HNO3/NH3	200 g
Argon/CO2 gas mixture	RWS 465	CO	0.25% CO2
Carbon dioxide	Stations 3	AMS	1800 psi
Carbon dioxide (Dry ice)	Stations C3X, 4, Dual Pass	NOy/O3, QCLS, CaRDS	7.5 kg
Carbon dioxide & methane in air	Station 5	CO2/CH4	2200 psi
Carbon monoxide	Station C3X	NOy/O3	1000 psig
Carbon monoxide in air	RWS 465	CO	10 ppmv
Drierite	J cabinet	AFSR (Zaphrod)	50 g
Ethylene glycol in water	Station 4	QCLS	50%, 500 ml
FC-43 Fluorinert	RWS 83	NMASS	100 ml
Ferrous sulfate	Station Dual Pass	CaRDS	10 g
Lithium fluoride in water	Station 3	PiLS	1000 ppb
Methyl iodide/N2 gas mixture	Stations 5	PANs	1000 ppmv
N2O5 - solid (NO2 or HNO3)	Station Dual Pass	CaRDS	1 g
Nitric acid	Station 7	HNO3/NH3	0.25 ml
Nitric oxide	Station C3X	NOy/O3	500 psi
Nitric oxide/N2 gas mixture	Stations C3X, Dual Pass	NOy/O3, CaRDS	1.5,100,500 ppmv
Nitrogen (refrigerated liquid)	Stations 4, 7	QCLS, HNO3/NH3	1, 10 L
Oxygen	Stations C3X, Dual Pass	NOy/O3, CaRDS	2000, 2200 psi
Ozone	Station 2	PAS	10 ppmv
Paraformaldehyde perm tube	Station 8	Paraformaldehyde perm tube	2 mg
Polonium 210 alpha air ionizer	Stations 5, 7	PANs, HNO3/NH3	3 x 20 mCi
Silica gel	Station flight director	WLOPC	100 g
SiF4 in N2	Station 7	HNO3/NH3	1000 ppmv
Sulfur dioxide in nitrogen	Station 6a	SO2	10 ppmv
Water	Stations C3X, 2, 3, 8	various	5 L total